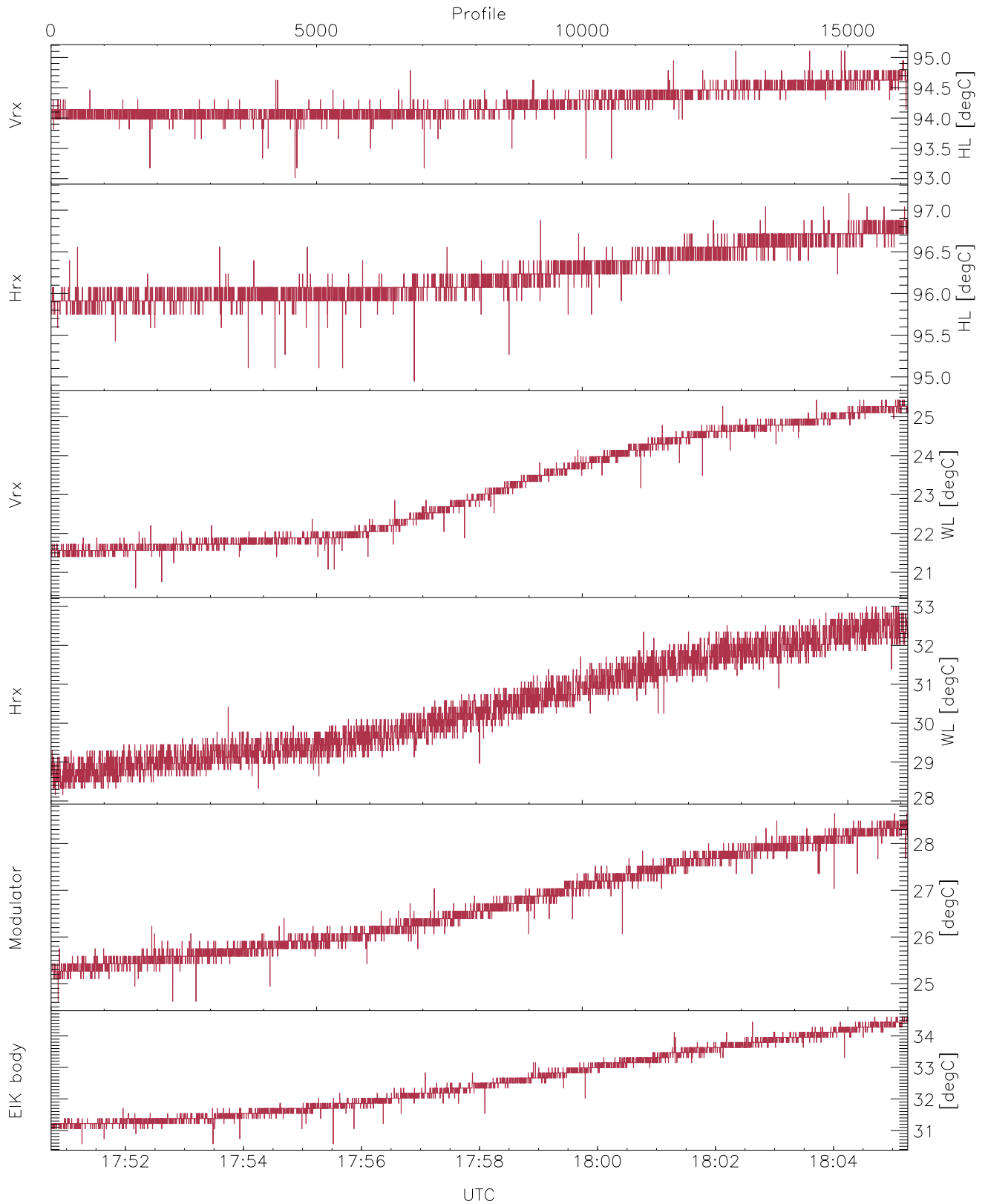


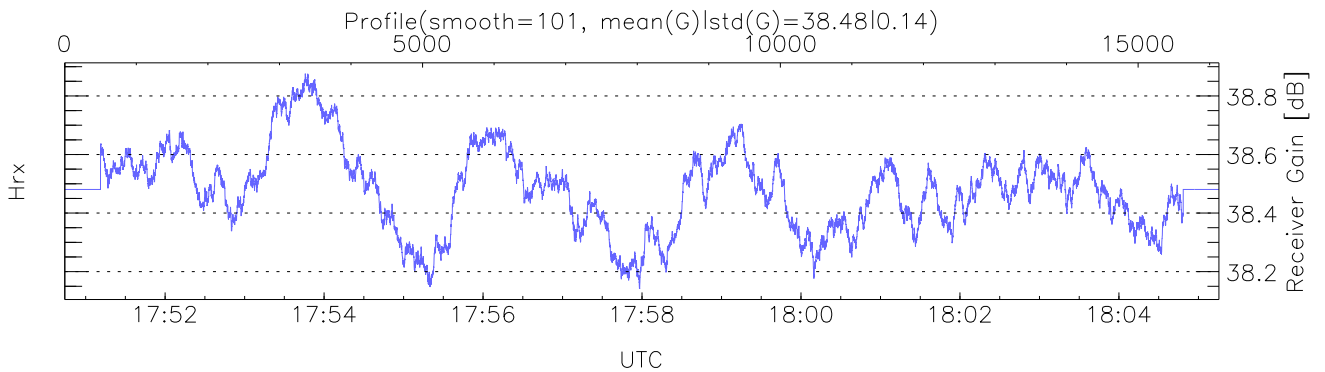
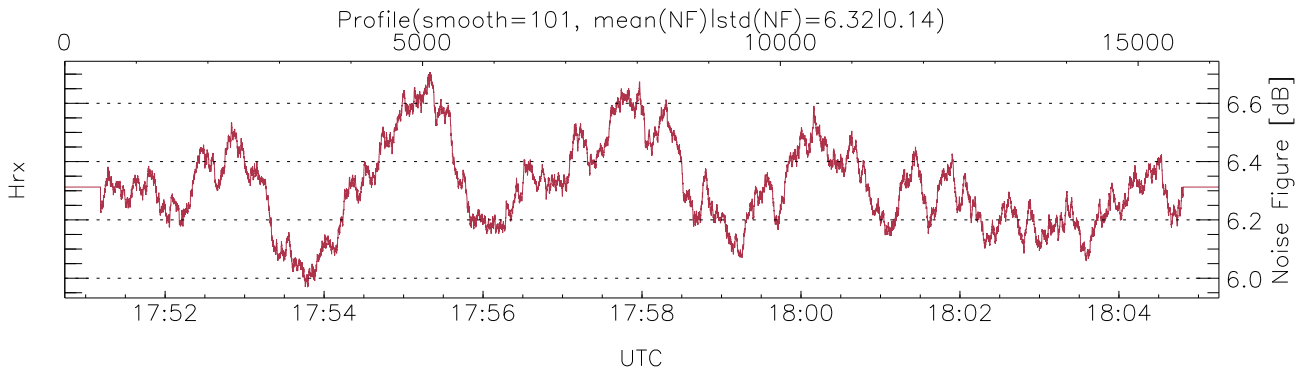
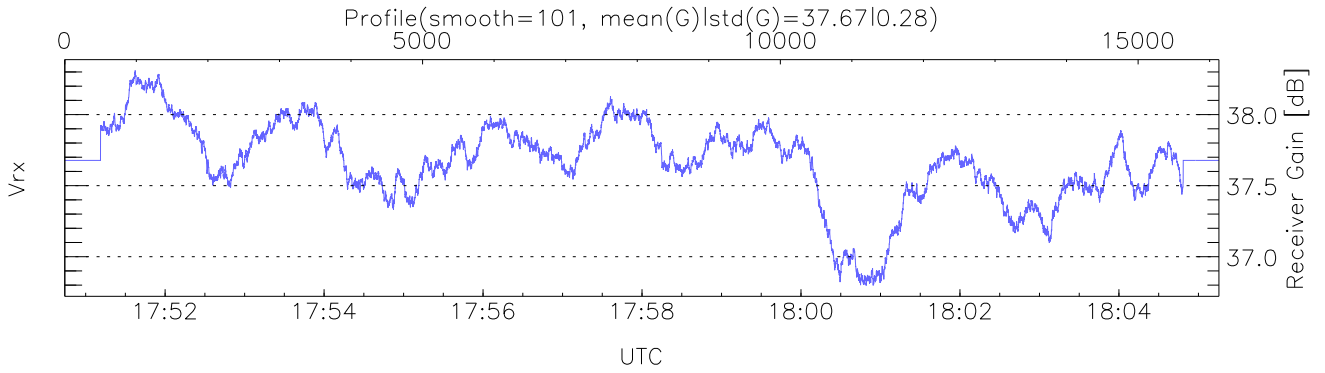
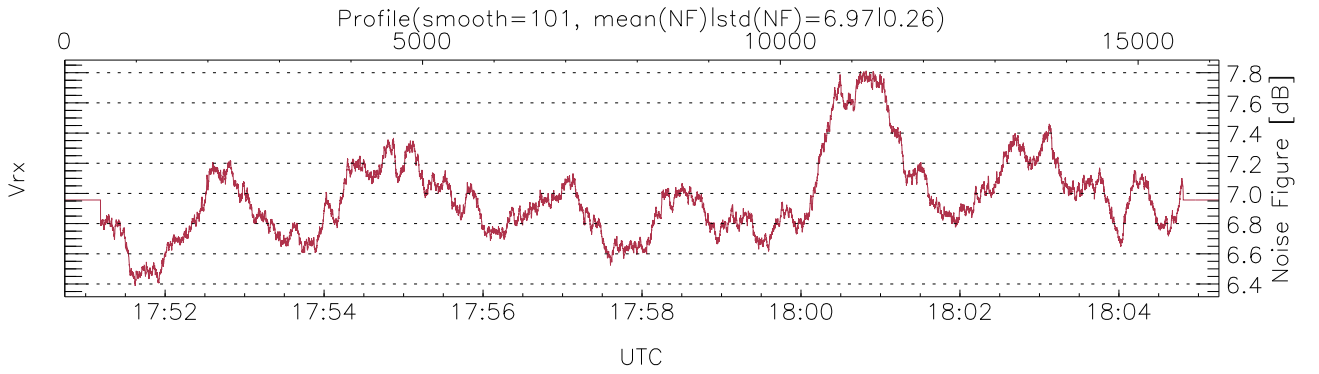
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 17:50:44-18:05:15, Dur: 871.24s  
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant  
 TimeInt/PPS(min,max,mn,std): 54.0,54.0,54.0,0.0 ms / 19,19,19  
 NumRec(r/t): 16131/16131, 0-16130/17:50:44-18:05:15  
 AcqTime: 54.0ms, Rate: 287KB/s, Averages: 180  
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2  
 PRF: 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us  
 Range(min,max,rgs): 105,6037,15.0 m, Gates: 396, Aspect: 3.1  
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



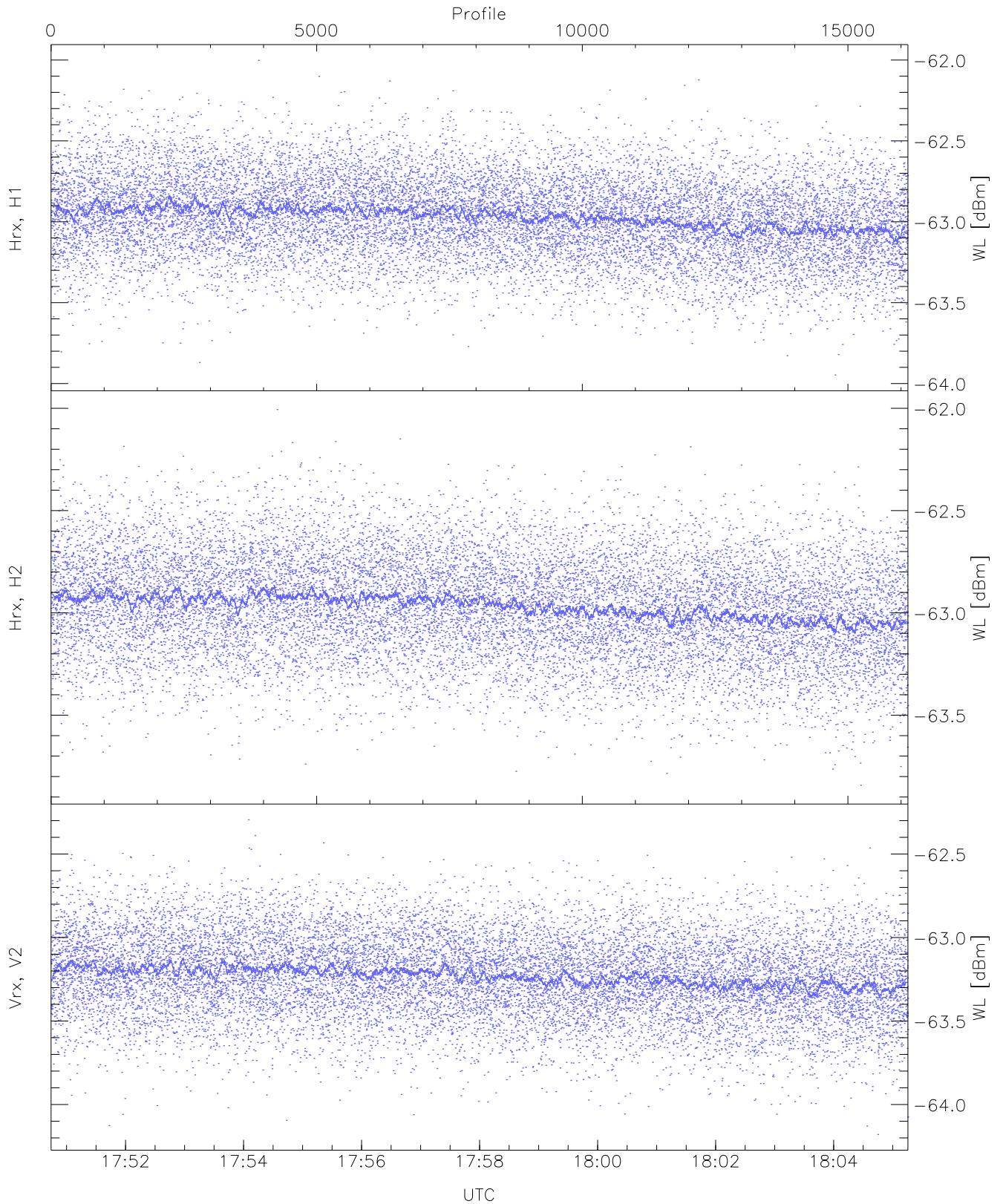
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,20,28,24,30  
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 95,97,25,32,28,34  
 LOalarm(20,80,240,2.8,14.8 MHz): None  
 EIK Faults(# prof affected):  
 DeckT, CollT, BodyCurr, DeckF, OverDuty, HVPS (15,15,20,20,10,10)



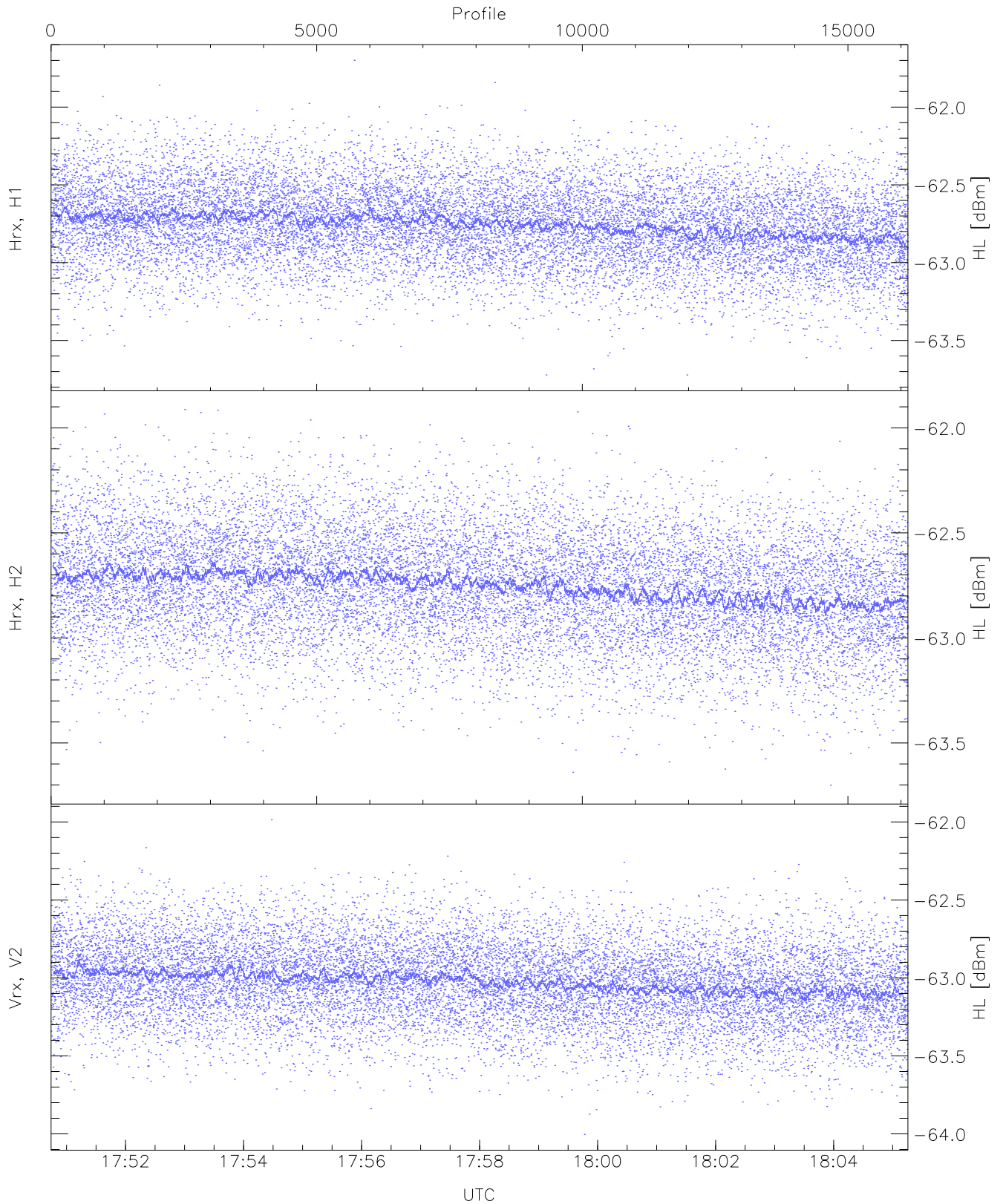
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 3244 pixs, 35 gates, 3170 profs, 2 prods



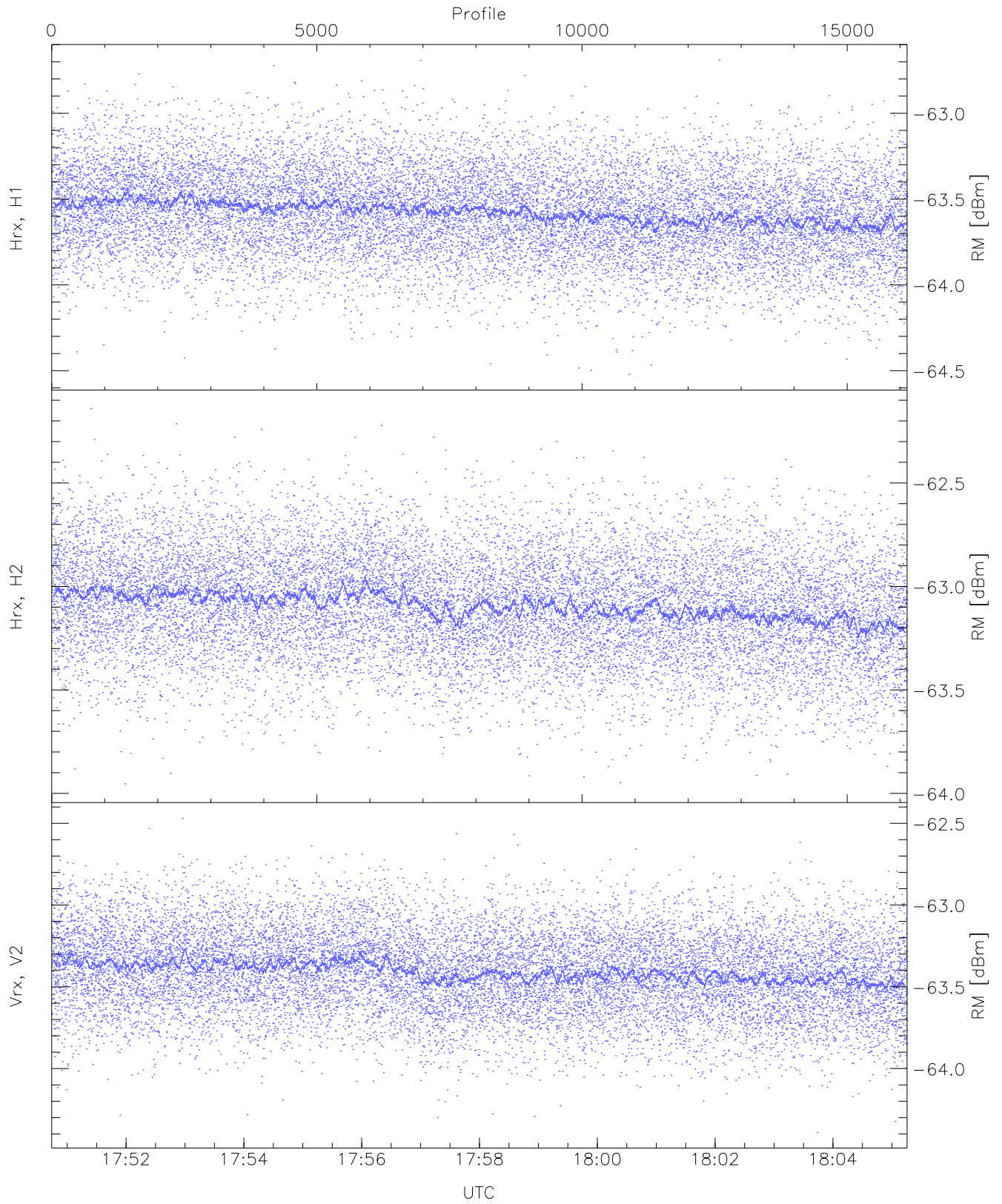
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-63.95	-62.00	-62.97	-62.97	-75.55
Hrx, H2 (WL [dBm])	-63.84	-62.01	-62.96	-62.97	-75.63
Vrx, V2 (WL [dBm])	-64.18	-62.29	-63.23	-63.23	-75.90



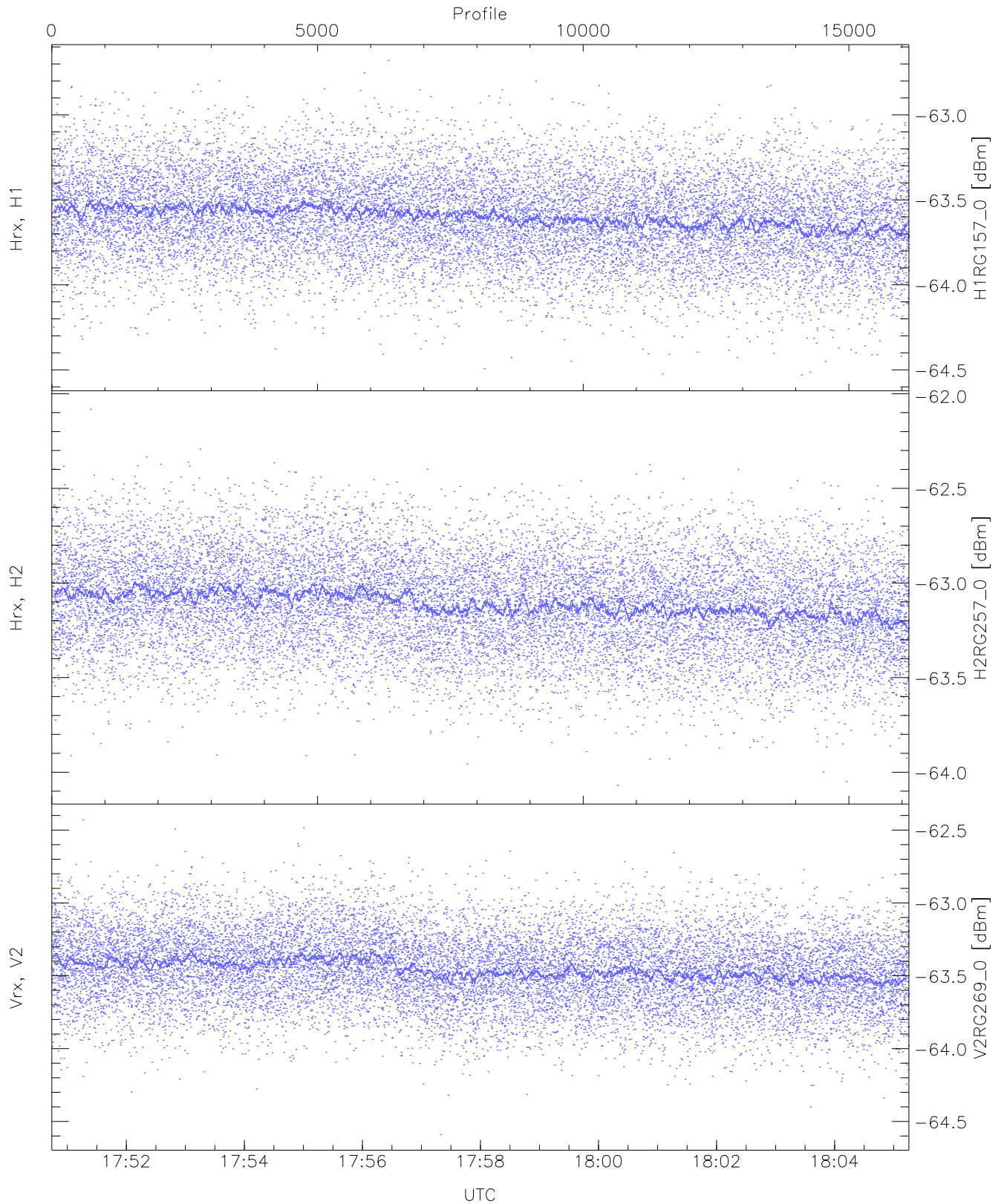
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.72	-61.70	-62.75	-62.75	-75.35
Hrx, H2 (HL [dBm])	-63.70	-61.91	-62.75	-62.75	-75.34
Vrx, V2 (HL [dBm])	-64.00	-61.99	-63.02	-63.03	-75.64



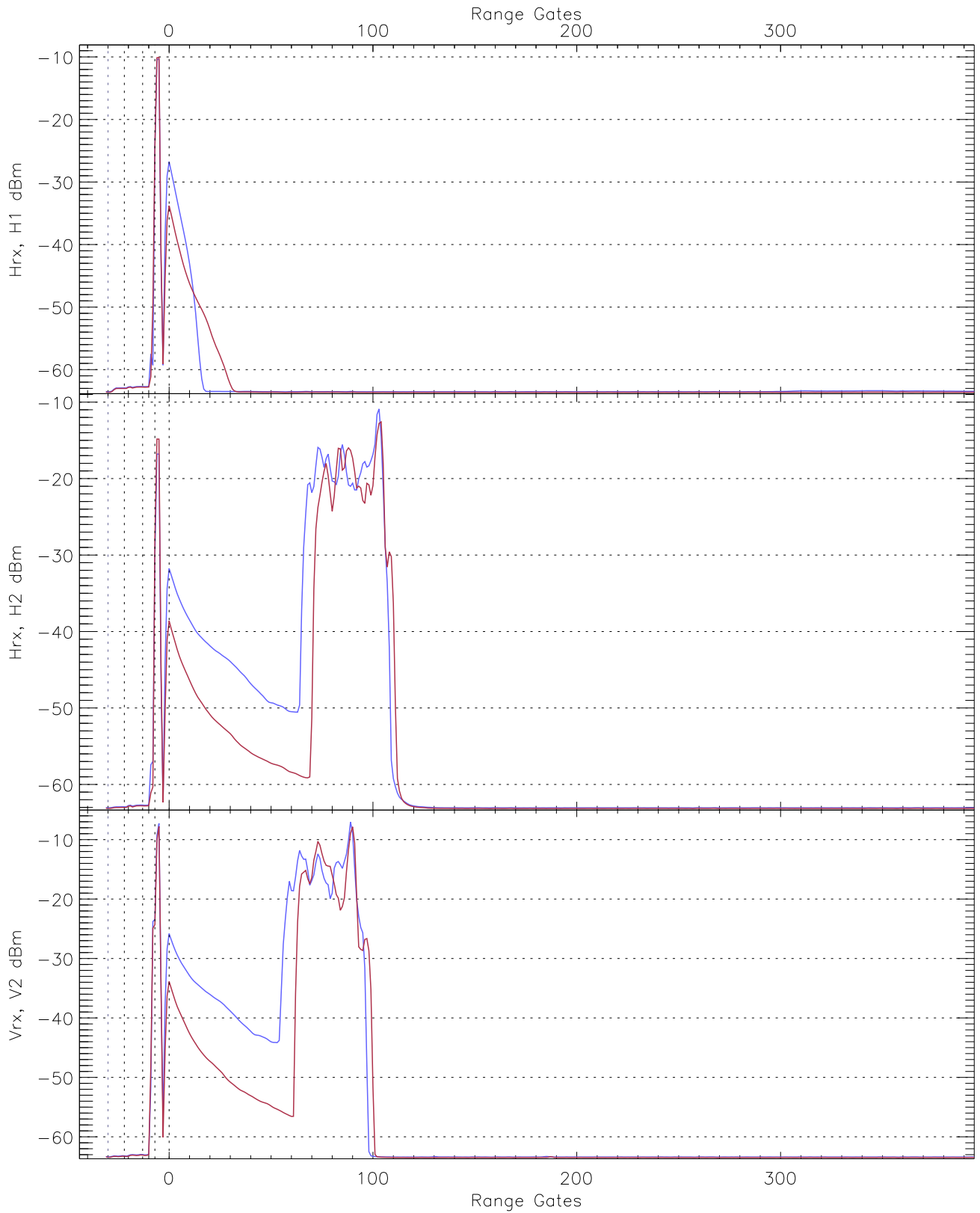
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.52	-62.69	-63.57	-63.58	-76.16
Hrx, H2 (RM [dBm])	-63.95	-62.14	-63.09	-63.09	-75.68
Vrx, V2 (RM [dBm])	-64.39	-62.47	-63.40	-63.41	-76.05



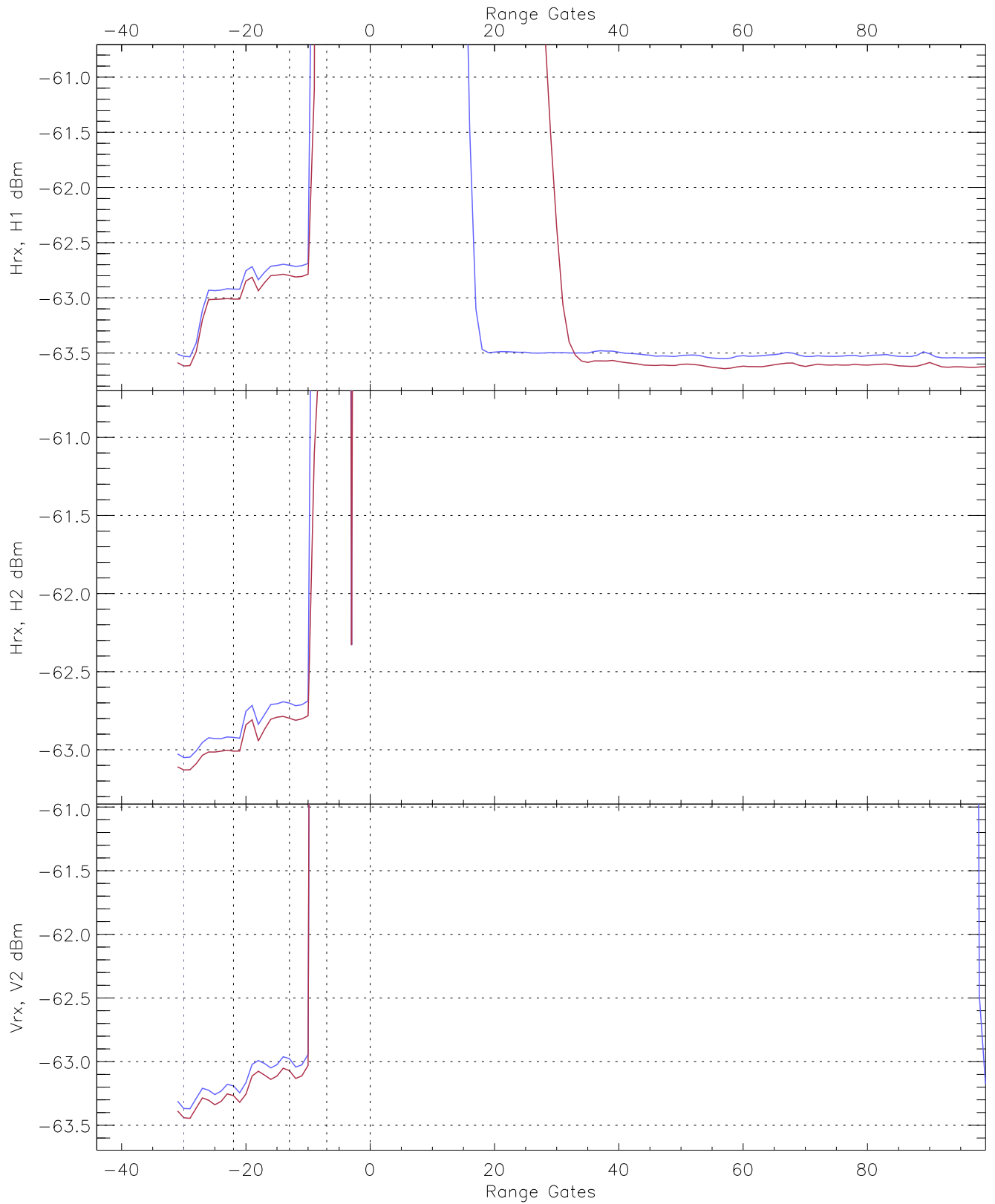
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG157_0 [dBm]	-64.53	-62.68	-63.60	-63.60	-76.18
H2RG257_0 [dBm]	-64.07	-62.08	-63.11	-63.11	-75.71
V2RG269_0 [dBm]	-64.59	-62.43	-63.45	-63.46	-76.04

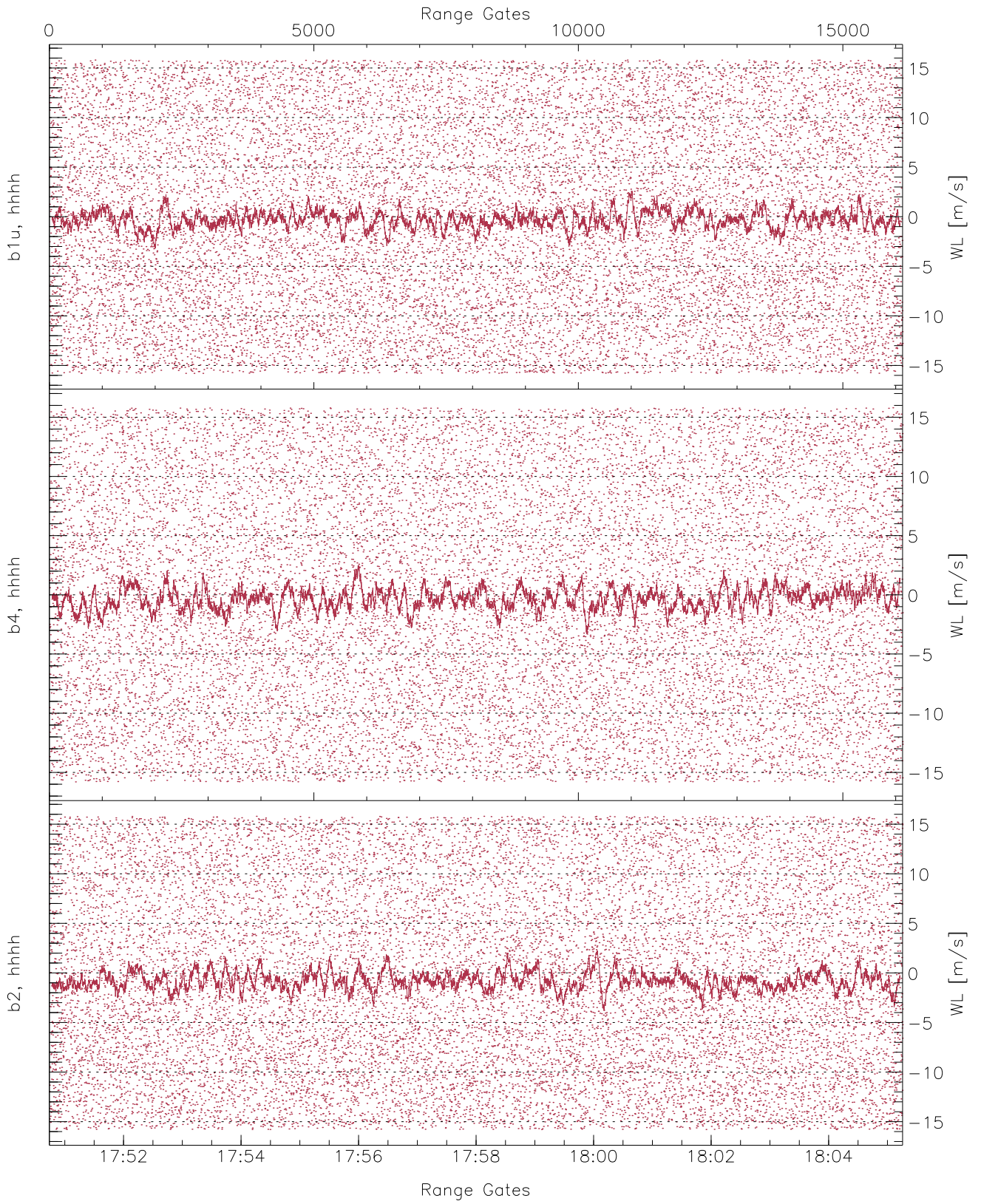


WCR2 CPP Averaged Received power for all recorded gates  
blue: 175044-175800, 8066 profiles averaged  
red: 175800-180515, 8066 profiles averaged

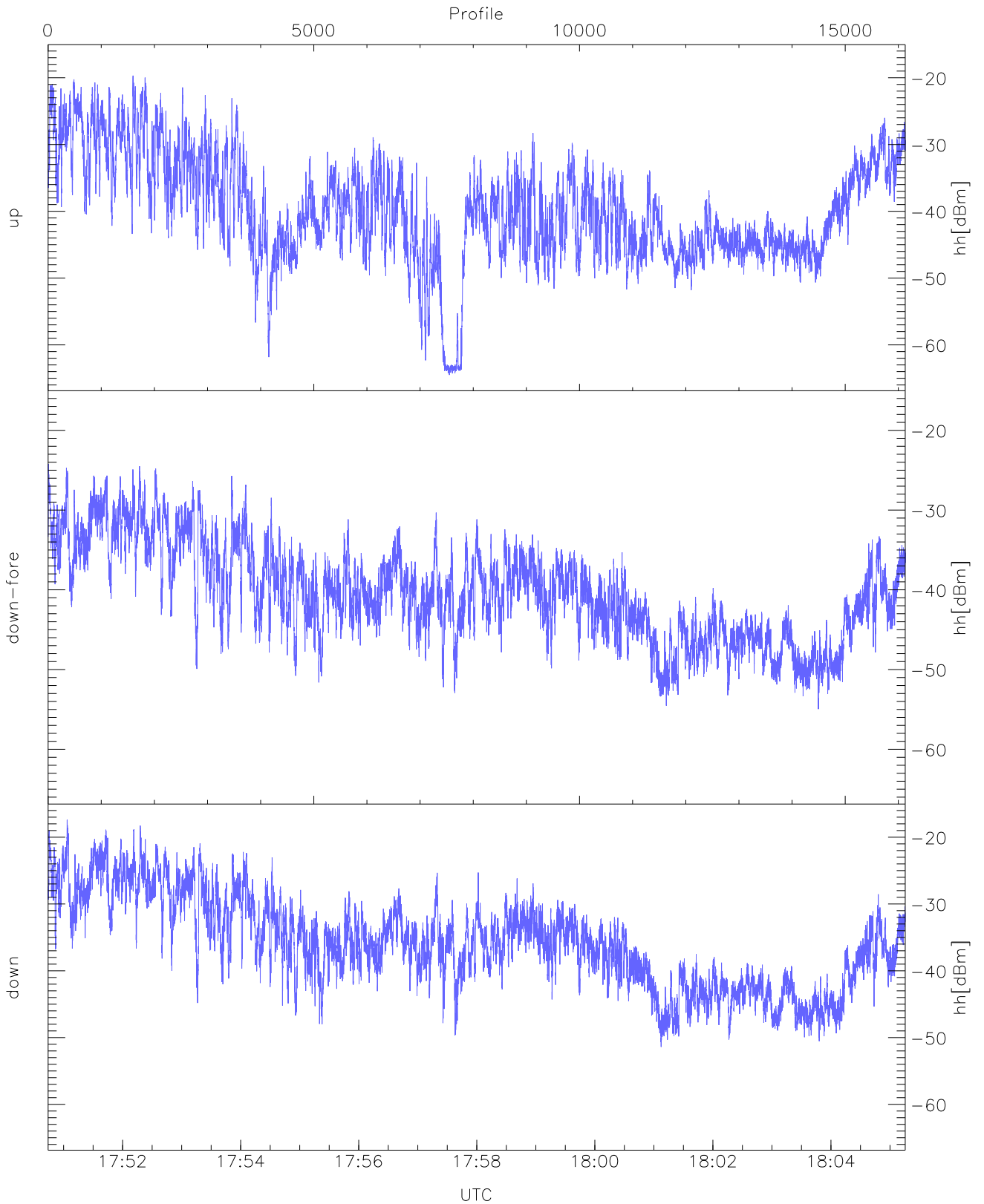




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 175044-175800, 8066 profiles averaged  
red: 175800-180515, 8066 profiles averaged

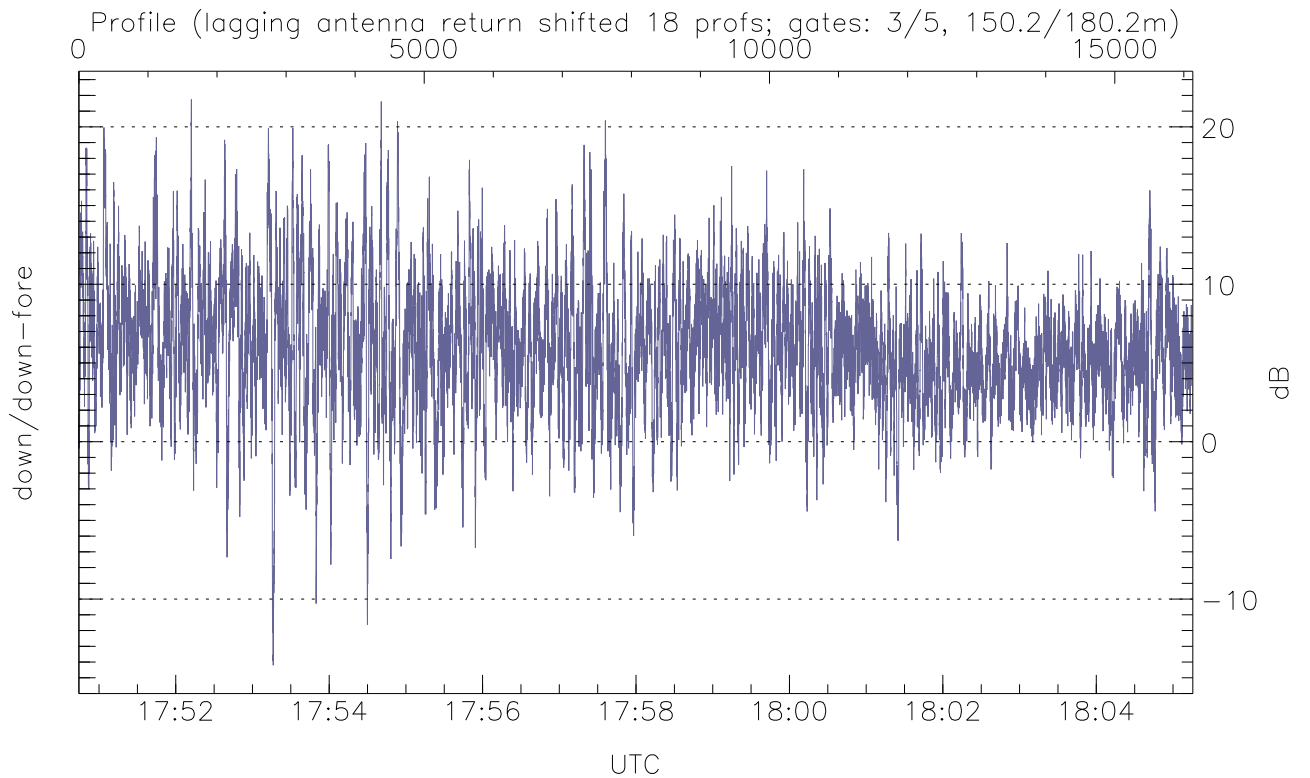
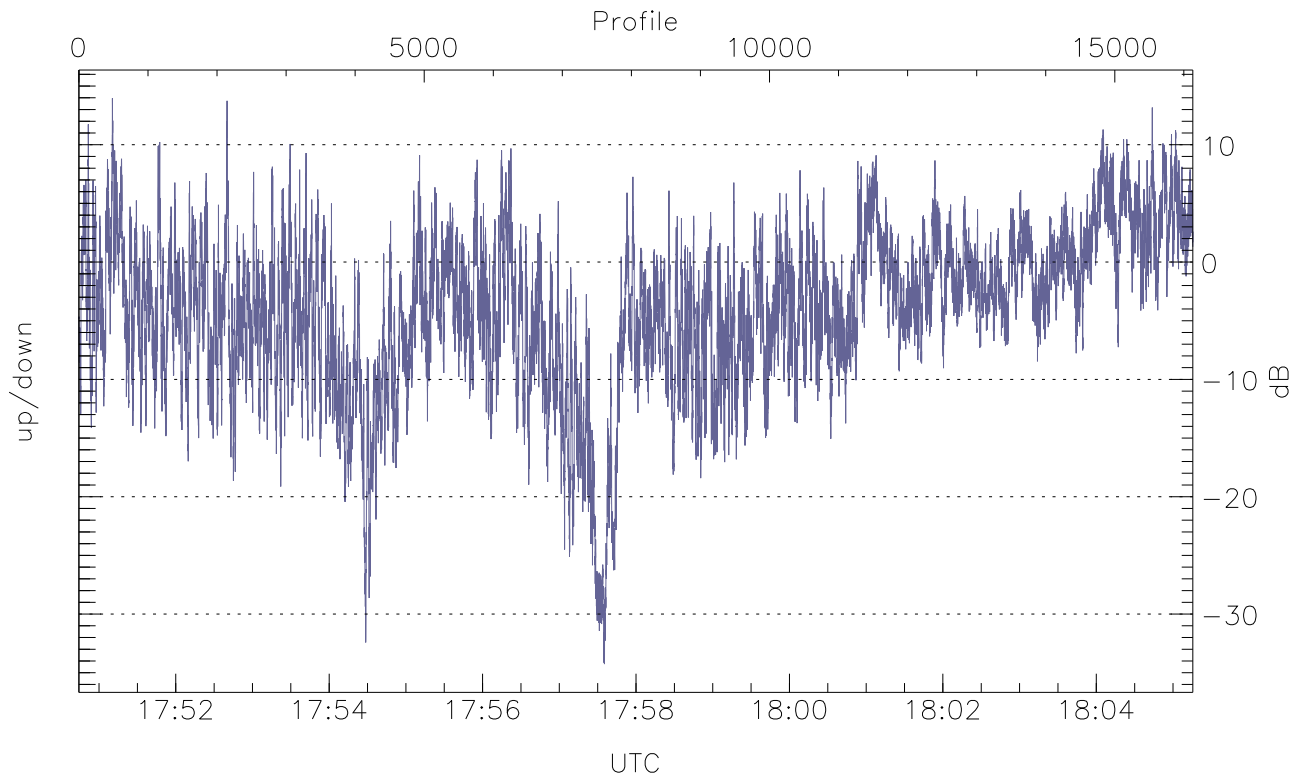


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



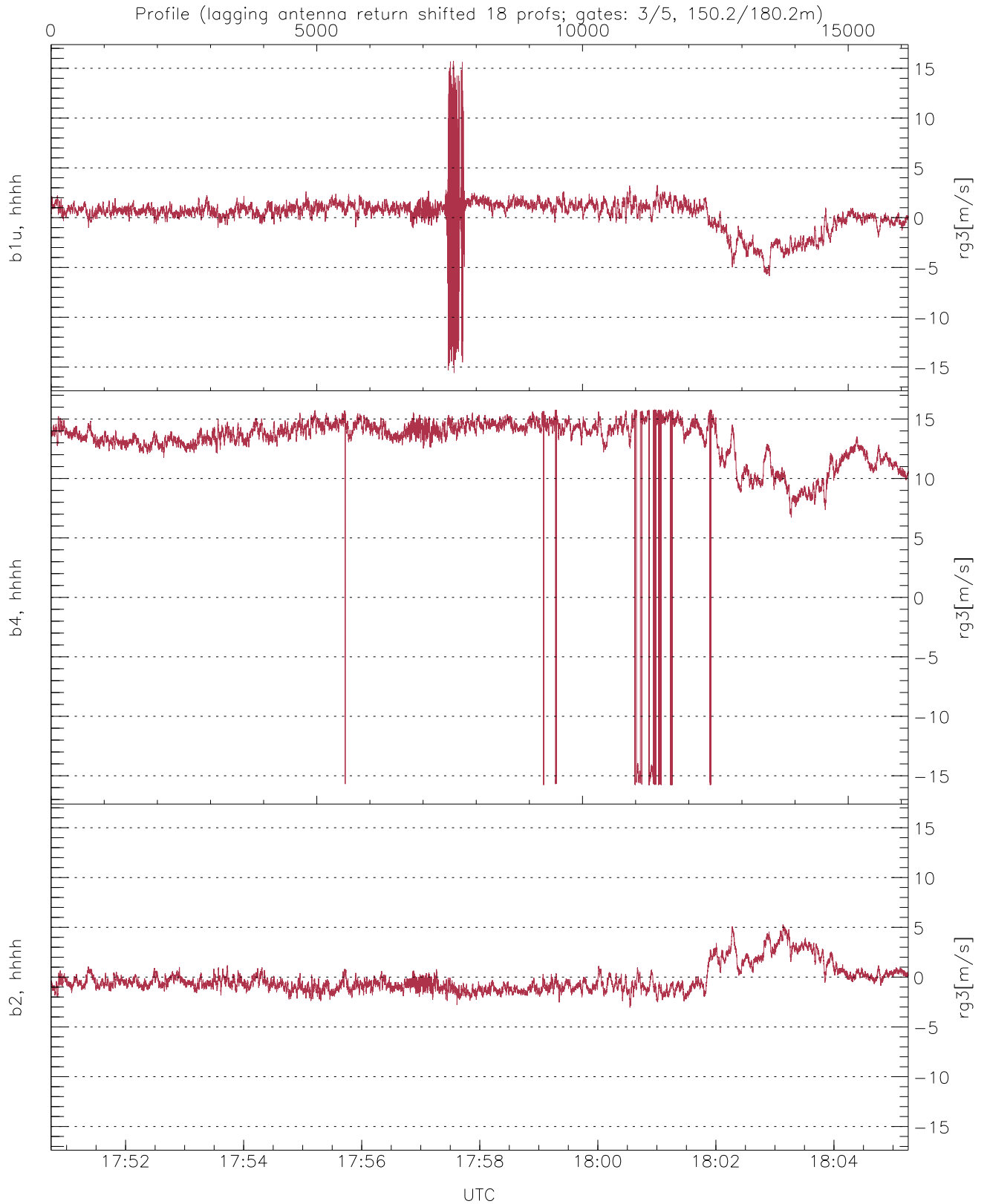
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-64.51	-19.68	-33.60
down-fore(hh[dBm])	-54.96	-24.21	-36.55
down(hh[dBm])	-51.39	-17.39	-31.09



WCR2 Beam pairs Received Power Ratio(s); RangeGate: 3 (150 m)

	Min	Max	Mean
up/down (dB)	-34.26	13.96	-4.02
down/down-fore (dB)	-14.21	21.74	6.04



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-15.59	15.75	0.35	1.79
b4, hhhh(rg3[m/s])	-15.80	15.80	12.82	3.93
b2, hhhh(rg3[m/s])	-3.05	5.32	-0.23	1.35